Form 3160-3
(July 1989)
(formerly 9-331C)

N. M. Oil Cons. Division
811 South First
ARTESIA, NM 88210-2834

CONTACT RECEIVING OFFICE WITH ... REQUIRED ... on reverse side)

30-015-29492

BLM Roswell District
Modified Form No.
NM060-3160-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Marbob Energy Corporation 14049

3a. Area Code & Phone No.: 505-748-3303

3. ADDRESS OF OPERATOR: P. O. BOX 227 Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 2615 FNL 1980 FEL
At proposed prod. zone: SAME

SUBJECT TO LIKE APPROVAL BY STATE

RECEIVED OCD ARTESIA

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: EAST OF ARTESIA ON HWY 82 APPROX 20.7 MILES

5. LEASE DESIGNATION AND SERIAL NO.: LC-028784B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 30-015-29492

7. UNIT AGREEMENT NAME: BURCH KEELY UNIT 16497

8. FARM OR LEASE NAME: BURCH KEELY UNIT

9. WELL NO.: 843

10. FIELD AND POOL, OR WILDCAT: GRBG JACKSON SR Q GRBG SA

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC. 23-T17S-R29E

12. COUNTY OR PARISH: EDDY

13. STATE: NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1980'

16. NO. OF ACRES IN LEASE: 800

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.:

19. PROPOSED DEPTH: 4800'

20. ROTARY OR CABLE TOOLS: ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3595' GR

22. APPROX. DATE WORK WILL START*: 12/1/98

23. PROPOSED CASING AND CEMENTING PROGRAM

~~PECOS VALLEY CONTROLLED WATER BASIN~~

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	J-55	ST&C	350' ~~400'~~	~~WITHOUT~~ CIRC
7 7/8"	5 1/2".	17#	J-55	LT&C	4800'	SUFFICIENT TO COVER ALL OIL & GAS HORIZONS

PAY ZONE WILL BE SELECTIVELY PERFORATED ANS STIMULATED AS NEEDED FOR OPTIMUM PRODUCTION.

ATTACHED ARE:
1. WELL LOCATION AND ACREAGE DEDICATION PLAT
2. SUPPLEMENTAL DRILLING DATA
3. SURFACE USE PLAN

MASTER SURFACE USE PLAN ON FILE AT BLM ROSWELL

** THIS APD WAS PREVIOUSLY APPROVED ON 4/8/98

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Rhonda Nelson TITLE Production Clerk DATE 10/28/98

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY (ORIG. SGD.) ARMANDO A. LOPEZ TITLE Acting Assistant Field Office Manager, Lands and Minerals DATE 12/14/98

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for ...

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexic
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	28509	GRBG JACKSON SR Q GRBG SA

Property Code	Property Name	Well Number
6497	BURCH KEELY UNIT	843

OGRID No.	Operator Name	Elevation
14049	MARBOB ENERGY COPORATION	3595'

Surface Location

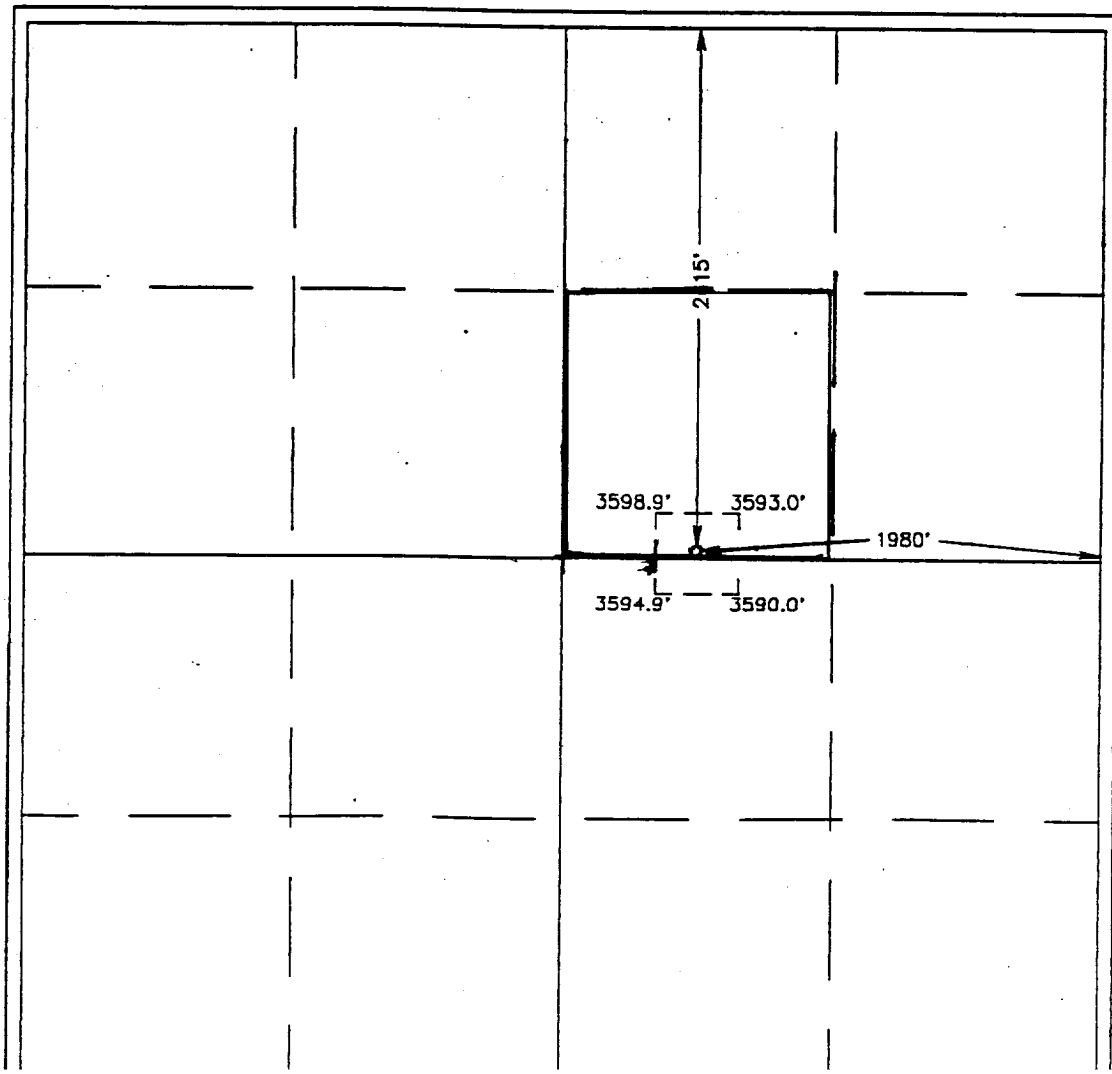
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	23	17 S	29 E		2615	NORTH	1980	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Rhonda Nelson
Signature

RHONDA NELSON
Printed Name

PRODUCTION CLERK
Title

10/28/98
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.

FEBRUARY 20, 1997
Date Surveyed

CDG
Signature & Seal of Professional Surveyor

Ronald J. Eidson 2-24-97
97-11-0332

Certificate No. JOHN W. WEST 676
RONALD J. EIDSON 3239
GARY EIDSON 12641

DRILLING PROGRAM

Burch Keely Unit No. 843
2615' FNL and 1980' FEL
Section 23-17S-29E
Eddy County, New Mexico

10. Anticipated Starting Date and Duration of Operations

Spud Date: Approximately December 1, 1998

Duration of Operations: Once commenced, the drilling operations should be completed in approximately 21 days. If the well is productive, an additional 30 to 60 days will be required for completion and testing of the well.

SURFACE USE AND OPERATING PLAN

Burch Keely Unit No. 843
2615' FNL and 1980' FEL
Section 23-17S-29E
Eddy County, New Mexico

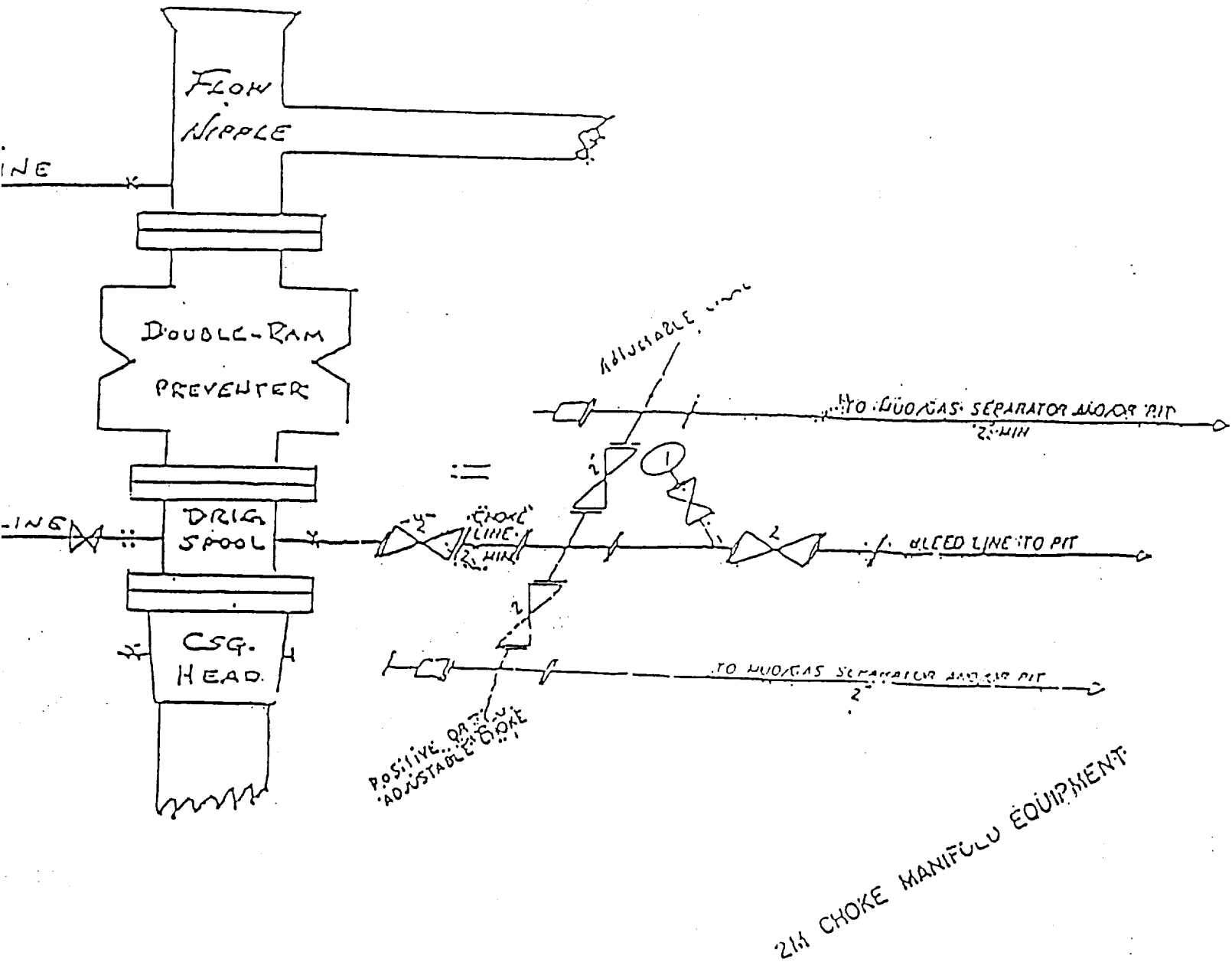
1.(c) Directions to Locations: Proceed east on U.S. 82 from Artesia for approximately 20.7 miles. Turn south on Three Trees lease road. Then, turn west and proceed .1 mile. The lease road runs through the locations.

4.(a) If productive, this well will use Satellite "E".

EXHIBIT #1

B O P & CHOKE MANIFOLD

10"/900 Cameron SS Space Saver
3000# Working Pressure
3,000# Working Pressure Choke Manifold



2M CHOKE MANIFOLD EQUIPMENT

MARBOB ENERGY CORPORATION

Burch Keely Unit No. 843
2615' FNL and 1980' FEL
Section 23-17S-29E
Eddy County, New Mexico
Exhibit #1

Attachment to Exhibit #1

NOTES REGARDING THE BLOWOUT PREVENTERS

1. Drilling nipple to be so constructed that it can be removed without use of a welder through rotary table opening, with minimum I.D. equal to preventer bore.

2. Wear ring to be properly installed in head.

3. Blow out preventer and all fittings must be in good condition, 3000 psi W.P. minimum.

4. All fittings to be flanged.

5. Safety valve must be available on rig floor at all times with proper connections, valve to be full bore 3000 psi W.P. minimum.

6. All choke and fill lines to be securely anchored, especially ends of choke lines.

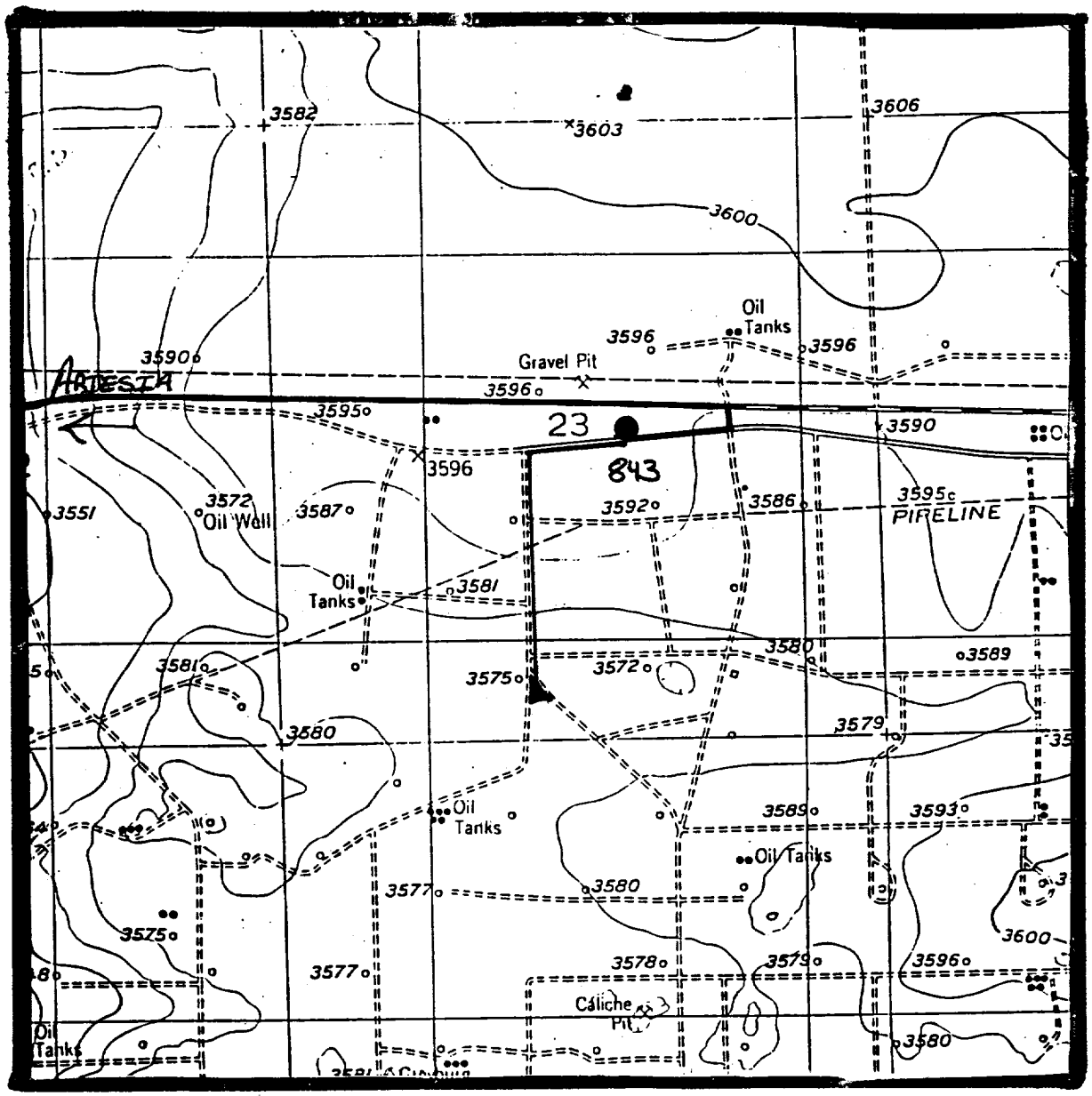
7. Equipment through which bit must pass shall be at least as large as the diameter of the casing being drilled through.

8. Kelly cock on kelly.

9. Extension wrenches and hand wheels to be properly installed.

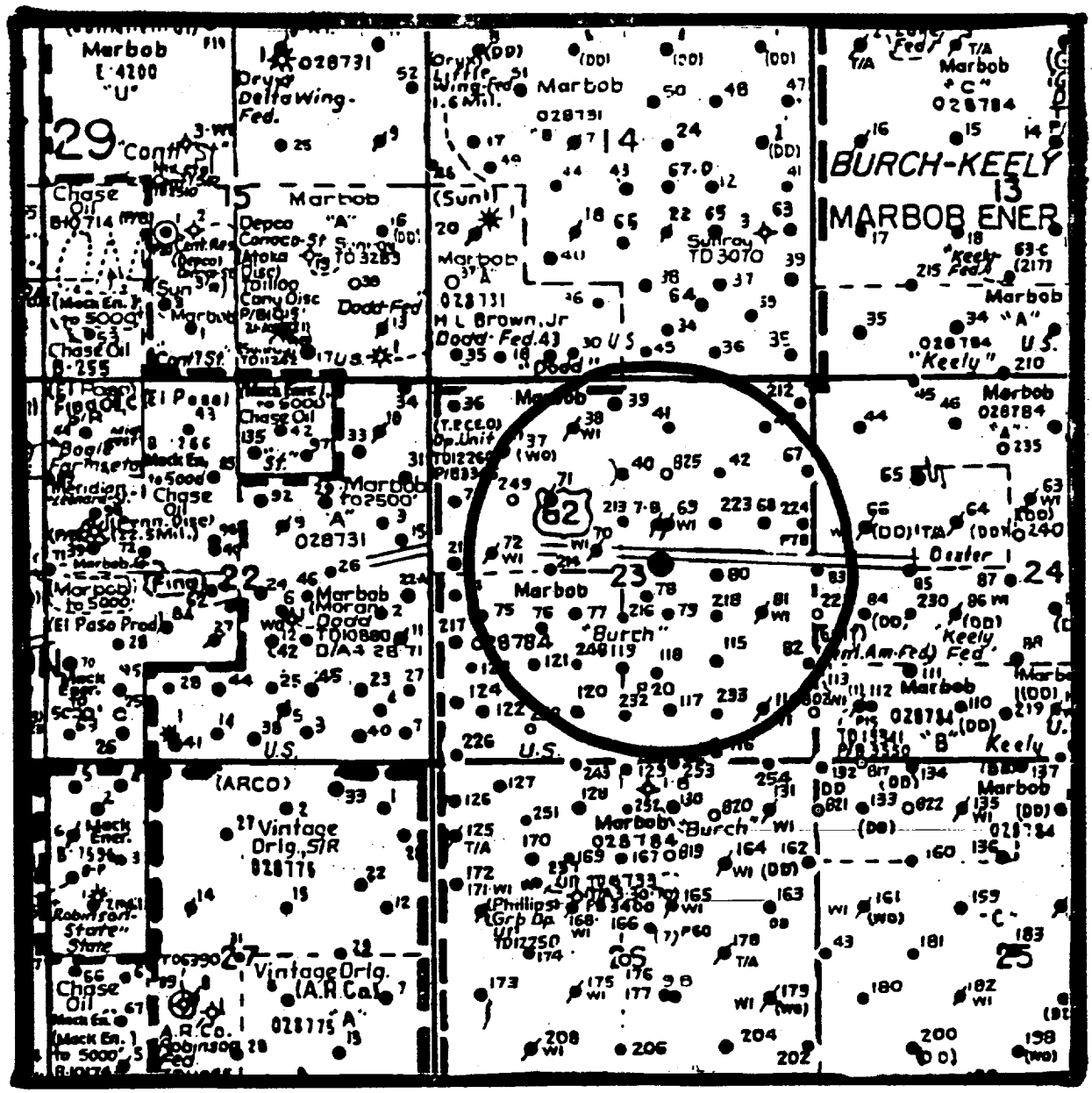
10. Blow out preventer control to be located as close to driller's position as feasible.

11. Blow out preventer closing equipment to include minimum 40 gallon accumulator, two independent sources of pump power on each closing unit installation, and meet all API specifications.



MARBOB ENERGY CORPORATION

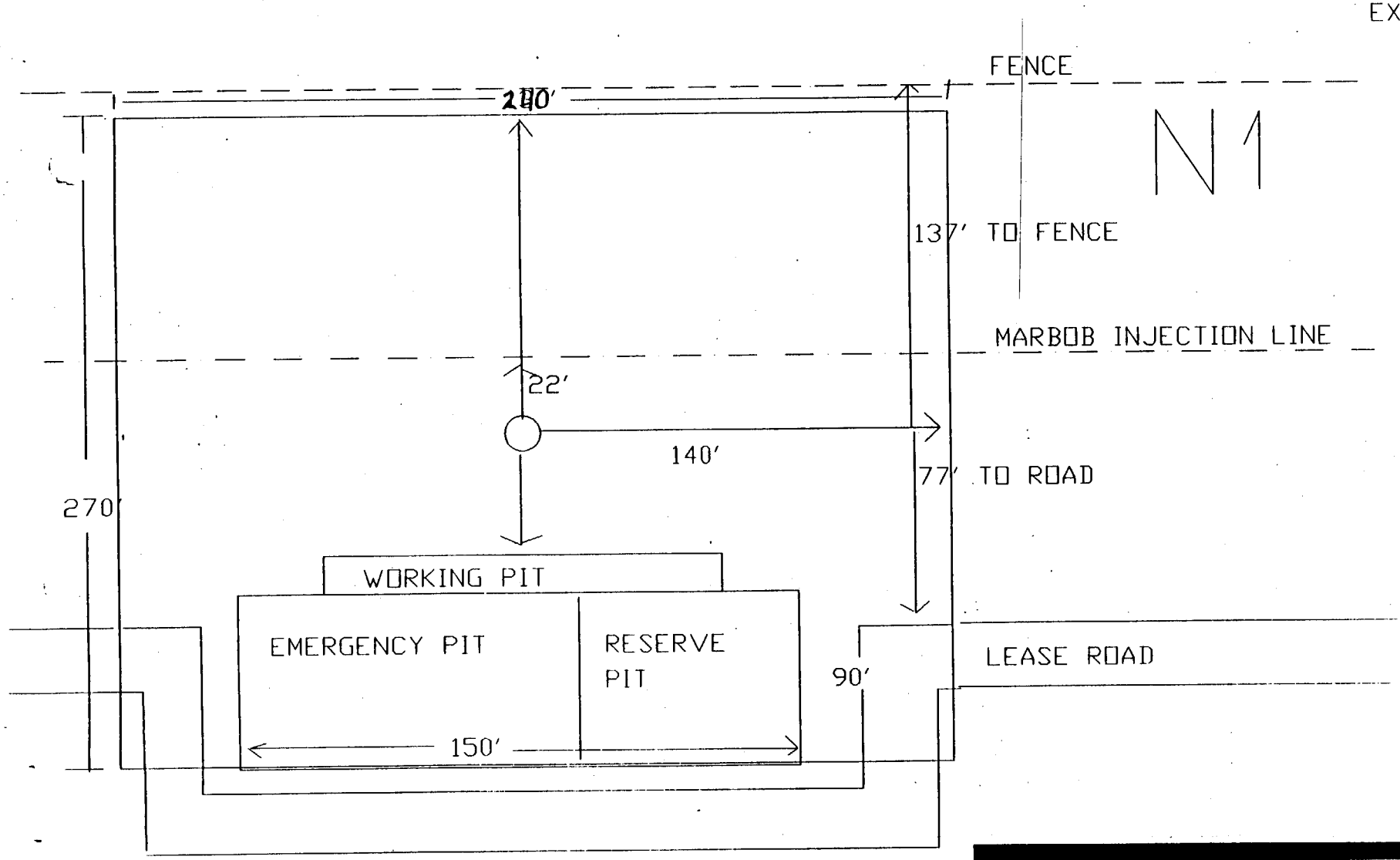
Burch Keely Unit No. 843
2615' FNL and 1980' FEL
Section 23-17S-29E
Eddy County, New Mexico
Exhibit #3



MARBOB ENERGY CORPORATION

Burch Keely Unit No. 843
2615' FNL and 1980' FEL
Section 23-17S-29E
Eddy County, New Mexico
Exhibit #4

EXHIBIT #5



MARBOB ENERGY

BURCH-KEELY UNIT #843
2615' FNL & 1980' FEL
SEC. 23-T17S-R29E
EDDY COUNTY, NEW MEXICO